IPE		SHEET Fof 12
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/34978A	Serial No
INFORMATION DISCLOSURE STATEMENT	Applicant Lindquist et al.	302
(Use several sheets if necessary)	Filing Date June 9, 2000	Group 5 5 T
		8

	U.S. PATENT DOCUMENTS						
*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
W	A 1	5,670,483	09/23/97	Zhang et al.	514	14	
Y	A2	5,679,530	10/21/97	Brentani et al.	435	7.1	
	A3	5,698,763	12/16/97	Weissmann et al.	800	2	
	A4	5,750,361	05/12/98	Prusiner et al.	435	23	
	A5	5,750,374	05/12/98	Dobeli et al.	435	69.7	
	A6	5,763,740	06/09/98	Prusiner et al.	800	2	
	A7	5,770,697	06/23/98	Ferrari et al.	530	353	
	A8	5,773,572	06/30/98	Fishleigh et al.	530	324	
	A9	5,789,655	08/04/98	Prusiner et al.	800	2	
	A10	5,792,901	08/11/98	Prusiner et al.	800	2	
	A11	5,804,417	09/08/98	Martens et al.	435	69.1	
	A12	5,811,633	09/22/98	Wadsworth et al	800	2	
	A13	5,854,204	12/23/98	Findeis et al.	514	2	
	A14	5,900,360	05/04/99	Welch et al.	435	29	

EXAMINER MANUELO DATE CONSIDERED 7/33/0-			
291	EXAMINER Martie	DATE CONSIDERED	7/22/02

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		FO	REIGN PATE	NT DOCUM	IENTS			
							Translation	
*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Yes	No
W	B1 ~	WO 93/10227	05/27/93	PCT				
	B2 ~	WO 93/04194	03/04/93	PCT				
	В3 -	- WO 94/28412	12/08/94	PCT	_			
	B4 ~	WO 95/12815	05/11/95	PCT		-		
	B5 C	EP 653,154	05/17/95	EPO	-			
	В6 -	WO 95/20979	08/10/95	PCT				
	B7 <	WO 96/28471	09/19/96	PCT				
	B8 -	WO 97/45746	12/04/97	PCT				
	B9⁄_	WO 98/33815	08/06/98	PCT				
	B10-	WO 99/06545	02/11/99	PCT				
	B11 ·	-WO 99/29891	06/17/99	PCT				
V	B12 -	WO 00/75324	12/14/00	PCT				

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
W	C1 /	Altschul et al., "Gapped Blast and PSI_BLAST: a new generation od protein database search programs", Nucleic Acids Res., 25(17): 3389-3402 (1997).
	C2 /	Anraku, Y., "Protein splicing: its chemistry and biology", Genes to Cells, 2:359-397(1997).
	C3	Balter, M., "Generating New Yeast Prions", Science, 287:562-563 (2000).
V-	C4 /	Barinaga, M., "Protective Role for Prion Protein?", Science, 5342:1404-

EXAMINER Miller	DATE CONSIDERED 7/22/6	/ 2

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIPE		SHEET 据 of 12
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/34978A	Serial No. 09/591,6 <u>经</u>
INFORMATION DISGLOSURE STATEMENT	Applicant Lindquist et al.	3 0 2 ITER 1
(Use several sheets if necessary)	Filing Date June 9, 2000	Group 60 01 1644 16 18
		8

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
W	C5 /	Brewer, "Engineering proteins to enable their isolation in a biologically active form", <i>Bioprocess. Technol.</i> , 2: 239-266 (1991)
	C6 /	Brizzard et al., "Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phophatase using novel monoclonal antibody and peptide elution", Biotechniques 16: 730-735 (1994)
	, C7 /	Chernoff et al., "Role of Chaperone Protein Hsp104 in Propagation of the Yeast Prion-Like Factor [psi+]", Science, 268: 880-883 (1995).
	C8 /	Chernoff et al., Mol. Microbiol., 35:865-876(2000).
	C9 /	Chong et al., "Single-column purification of free recombinant proteins using a self-cleavable affinity tag derived from a protein splicing element", Gene, 192:27-281(1997)
	C10 /	Cox et al., "The psi factor of yeast: a problem in inheritance," Yeast, 4(3):159-178 (1988).
	C11	Cubitt et al., "Understanding, improving and using green fluorescent proteins," Trends Biochem. Sci., 20:448-455(1995).
	C12 -	Dagkesamanskaia et al., "Fusion of Glutathione S-transferase with the N-terminus of Yeast Sup35 Protein Inhibits Its Prion-like Properties", Genetika, 5:610-615(1997). abstract only
	C13 -	DeArmond et al., "Prion Protein Transgenes and the Neuropathology in Prion Diseases", <i>Brain Pathol.</i> , 1:77-89(1995).
	C14 ~	DebBurman et al., "Chaperone-supervised Conversion of Prion Protein to its Protease-resistant form", Proc. Natl. Acad. Sci. USA, 94: 13938-13943 (1997).
	C15-	DePace et al., "A Critical Role for Amino-Terminal Glutamine/Asparagine Repeats in the Formation and Propagation of a Yeast Prion", Cell, 93:1241-1252(1998).
V	C16	Derkatch et al., "Genesis and Variability of [PSI] Prion Factors in Saccharomyces cerevisiae," Genetics, 144:1375-1386(1996).

EXAMINER Malhin	DATE CONSIDERED	7/22/02
· · · · · · · · · · · · · · · · · · ·		,

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
hy	C17_	Edskes, et al., "The [URE3] prion is an aggregated form of Ure2p that can be cured by overexpression of Ure2p fragments", Proc. Natl. Acad. Sci. USA, 96:1498-1503(1999).
	C18 ,	Elgersma et al., "An efficient positive selection procedure for the isolation of peroxisomal import and peroxisome assembly mutants of Saccharomyces cerevisiae", Genetics, 135: 731-740 (1993).
	C19 ~	GenBank Accession No. AF003087, "Felis catus prion protein (Prp) gene, complete cds.", Rohwer et al., 1997.
	C20	Genbank Accession No AF 020554, "Candida albicans translation release factor 3 (SUP35) gene, complete cds", Resende et al., 1997.
	C21 -	GenBank Accession No. AJ223072, "Ovis aries PrP gene, complete cds.", Goldmann et al., 1998.
	C22 ~	GenBank Accession No. D10612 or D90545, "Bovine mRNA for prion protein", Yoshimoto et al., 1993.
	C23	GenBank Accession No. D79214, "Schizocaccharomyces pombe DNA for omnipotent nonsense suppressor SUP35/eRF-3, complete cds.", Ito et al., 1998.
	C24	GenBank Accession No. K02234, "Syrian golden hamster scrapie (prion) protein PrP 27-30 mRNA", Oesch et al., 1993.
	C25 /	Genbank Accession No. M13807, "Yeast (S. cerevisiae) glyceraldehyde-3-phosphate dehydrogenase gene, promoter gene", Musti et al., 1993.
	C26	GenBank Accession No. M13899, "Human prion protein (PrP) mRNA, complete cds.", Kretzschmar et al., 1995.
	C27 ~	GenBank Accession No. M14053, "Rat glucocorticoid receptor mRNA, complete cds.", Miesfield et al., 1993.
	C28 ′	Genbank Accession No. M15077, "P. pyralis (firefly) luciferase gene, complete cds.", de Wet et al., 1993.
	C29 ·	Genbank Accession No. M21129, "Yeast (S. cerevisiae) omnipotent suppressor (SUP2) gene, complete cds", Kushnirov et al., 1989.

EXAMINER Markhare	DATE CONSIDERED	7/22/02

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		SHEET -	<u>≸</u> of <u>12</u>
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/34978A	Serial No. 2	核 HJ N
INFORMATION DISCLOSURE STATEMENT	Applicant Lindquist et al.		UTFR
(Use several sheets if necessary)	Filing Date June 9, 2000	Group 1644	200
		-	Š

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
Mg C30		C30 <	Genbank Accession No. M35268, " Saccharomyces cerevisiae URE2", Coschigano et al., 1991.			
		C31~	GenBank Accession No. M15683, "S. cerevisiae KAR1 gene, complete cds", Rose et al., 1993.			
		C32 /	Genbank Accession No. NP009572, "Ybr016WP, S.cerevisiae", Feldmann et al., 2001.			
		C33 ×	Genbank Accession No. NP009902, "Transferable Epigenetic Modifier; Rnq1p, S. cerevisiae", Oliver et al., 2001			
		C34 /	Genbank Accession No. NP014518, "Putative Polyadenylated-RNA-binding protein; Hrp1p, S. cerevisiae", Goffeau et al., 2001			
		C35 <	GenBank Accession No. P00722, "Beta-glactosidase (lactase)", Kalnins et al., 2000.			
C36 2		C36 ~	GenBank Accession No. P25367, "Ubiquitin-conjugating enzyme E2-17 KDA (Ubiquitin-Protein Ligase) (Ubiquitin Carrier Protein) (HR6B)", Schneider et al., 2000.			
	C37 /		GenBank Accession No. P27476, "Nuclear localization sequence binding protein(P67)", Lee et al., 2000.			
		C38 ∠	GenBank Accession No. P36168, "Hypothetical 137.5 KD Protein in MPL1-PPC1 Intergenic Region", Baladron et al., 1995.			
		C39 ′	GenBank Accession No. P38216, "Hypothetical 14.6 KD Protein in TTP1-KAP104 Intergenic Region", Entian et al., 1997.			
		C40 /	GenBank Accession No. P40002, "Hypothetical 72.5KD protein in GCN4-WBP1 Intergenic Region", Dietrich et al., 1995.			
		C41	GenBank Accession No. P40467, "Putative 108.8 KD Transcriptional Regulatory Protein in FKH1-STH1 Intergenic Region", Barrell et al., 1995.			
B	/	C42 /	GenBank Accession No. P40957, "Spindle Assembly Checkpoint Component MAD1_(Mitotic MAD1_Protein)", Hardwick_et-al., 2000.			

EXAMINER My hour	DATE CONSIDERED	7/22/02

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
un	C43 /	GenBank Accession No. U03438, "Yeast integrative pRS306 with URA3 marker, complete sequence", Sikorski et al., 1995.			
	C44 /	GenBank Accession No. U30442, "Human isolate M88 T-cell receptor alpha V-J junction (TCR Valpha 5'J Alpha 4) mRNA, partial cds.", Dave et al., 1995.			
	C45 /	GenBank Accession No. U33077, "Lentinula Boryana isolate R39, 5.8S rRNA gene, complete sequence, 18S rRNA amd 25S rRNA genes, partial sequence", Hibbett et al., 1995.			
	C46 -	GenBank Accession No. U35737, "Saccharomyces cerevisiae nuclear polyadenylated RNA-binding protein (NAB4) gene, complete cds", Oberdorf et al., 1995.			
	C47 <	GenBank Accession No. U38535, "Saccharomyces cerevisiae heterogenous nuclear ribonucleoprotein (HRP1) gene, complete cds.", Henry et al., 1996.			
	C48 ~	GenBank Accession No. U73901, "Aequorea victoria green fluorescent proetin mutant 3 (GFP) gene, complete cds.", Cormack et al., 1996.			
	C49 -	GenBank Accession No. X07163, "Yeast SUF12+ gene for suppressor protein", Wilson et al., 1993.			
	C50 _	GenBank Accession No. X14187, "Yeast MCM1 gene, protein involved in replication of ARS and expression of mating-type alpha-specific genes", Passmore et al., 1993.			
	C51 /	GenBank Accession No. X55882, "Bovine PrP gene for a prion-protein", Goldmann, W., 1991.			
	C52	Genbank Accession Nos. X56910, "P. pinus SUP2 gene for an EF-1-alpha-like protein factor", Kushnirov et al., 1991.			
<i>4</i>	C53 /	GenBank Accession No. X99021, "S. pombe hrp1+ gene", Jin et al., 1998.			
***	C54 /	Genbank Accession No. Z71255, "S. cerevisiae chromosome XVI 165536 bp sequence, cen rightwards", Badcock et al., 1996.			
	C55 /	Genbank Accession No. Z73582, "S. cerevisiae chromosome XVI reading frame ORF YPL226w", Urrestarazu et al., 1997.			

EXAMINER Alullus	DATE CONSIDERED	7/22/02

SIPE		SHEET _ 7 of _ 12
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/34978A	Serial No. 오 09/591,6왕 드
INFORMATION DISCLOSURE STATEMENT	Applicant Lindquist et al.	3 0 NTER
(Use several sheets if necessary)	Filing Date June 9, 2000	Group 666 00 1
		8 0

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)				
W	C56 -	Glover et al., "Hsp104, Hsp70, and Hsp40: A Novel Chaperone System that Rescues Previously Aggregated Proteins," <i>Cell.</i> 94:73-82 (1998).		
	C57	Glover, et al., "Self-Seeded Fibers Formed by Sup35, the Protein Determinant of [PSI+], a Heritable Prion-like Factor of S. cerevisiae," Cell, 89:811-819 (1997).		
	C58 <	Guthrie & Fink, "Guide to Yeast Genetics and Molecular Biology" in Methods of Enzymology, Vol. 194, pp. 389-398 (1981)		
	C59 ⁻	Harper et al., "Models of Amyloid Seeding In Alzheimer's Disease and Scrapie: Mechanistic Truths and Physiological Consequences of the Time-Dependent Solubility of Amyloid Proteins", Annu. Rev. Biochem, 66: 385-407 (1997).		
	C60 <	Hedge et al., "A Transmembrane Form of the Prion Protein in Neurodegenerative Disease", Science, 279:827-834(1998).		
C61 - Hollenbach, et al., "Aggregation of truncated GST-HD exon 1 fusion protein containing normal range and expanded glutamine repeats", Phil. Trans. R. S. Lond. B:354, 991-994(1999).				
C62 Horwich et al., "Deadly Conformations-Protein Misfolding in Prion Disease," Co. 89: 499-510(1997).				
	C63 –	Horworka et al., "Improved Protocol For High-Throughput Cysteine Scanning Mutagenesis", <i>Biotechniques</i> , 25:764-772(1998).		
C64 Jackson et al., "Reversible conversion of monomeric human prion protein between native and fibrilogenic conformations", Science, 283:1935-1937(1976). C65 Jaegly et al., "Search for a Nuclear Localization Signal in the Prion Protein		Jackson et al., "Reversible conversion of monomeric human prion protein between native and fibrilogenic conformations", Science, 283:1935-1937(1999).		
		Jaegly et al., "Search for a Nuclear Localization Signal in the Prion Protein", Mol. Cell. Neurosci., 11(3):127-133(1998).		
	C66 ~	Jean-Jean et al., "Is there a human [psi]?", CR Acad Sci III, 319(6):487-492(1996). abstract only		
	C67	Jones et al., "Replacing the Complementarity-Determining Regions In A Human Antibody With Those From A Mouse", Nature, 321:522-525 (1986)		
	C68 <	Kain et al., "Green Fluorescent Protein as a Reporter of Gene Expression and Protein Localization", Biotechniques, 19:650-655 (1995).		

EXAMINER	Mulen	DATE CONSIDERED	7/22/02

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		SHEET	EC#	of 12
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/34978A	Serial No. 09/591	_	UL 3
INFORMATION ELSCLOSURE STATEMENT	Applicant Lindquist et al.		R 1600,	0 200
(Use several sheets if necessary)	Filing Date June 9, 2000	Group 1644	2900	1646

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
My	C69 /	Kelly, J.W., "Alternative conformations of amyloidogenic proteins govern their behavior," <i>Curr. Opin. Struct. Biol.</i> , 6:11-17(1996).				
	C70 -	Kenward et al., "Heat shock proteins, molecular chaperones and the prion encephalopathies", Cell Stress and Chaperones, 1(1)18-22(1996).				
	C71_	King, et al., "Prion-inducing domain 2-114 of yeast Sup35 protein transforms in vitro into amyloid-like filaments", Proc. Natl. Acad. Sci. USA, 94:6618-6622(1997).				
	C72 -	Klunk et al., "Two simple methods for quantifying low-affinity dye-substrate binding", J. Histochem. Cytochem., 37: 1293-1297 (1989)				
	C73 -	Kunz, "The Human Leukocyte Platelet-activating Factor Receptor", J. Biol. Chem., 267: 9101-9106 (1992)				
	C74	Kushnirov et al., "Structure and Replication of Yeast Prions," Cell, 94:13-16(1998).				
C75 Kushnirov et al., "Prion properties of the Sup35 prote		Kushnirov et al., "Prion properties of the Sup35 protein of yeast <i>Pichia methanolica</i> ", <i>Embo. J.</i> , 19:324-331(2000).				
	C76 ~	Kushnirov et al., "Divergence and Conservation of SUP2(SUP35) Gene of Yeast <i>Pichia pinus</i> and <i>Saccharomyces</i> cerevisiae", <i>Yeast</i> , 6:461-472(1990).				
	C77 ~	Lanzetta et al., "An improved assay for nanomole amounts of inorganic phosphate", Analyt. Biochem., 100: 95-97 (1979)				
	C78 -	Lewin, B., "The Mystique of Epigenetics", Cell, 93:301-303(1998).				
		Li et al., "Creating a Protein-Based Element of Inheritance," Science, 287:661-664 (2000).				
	C80 🛴	Lindquist, "Mad Cows Meet Psi-chotic Yeast: The Expansion of the Prion Hypothesis," Cell, 89: 495-498(1997).				
	C81 -	Lindquist et al., "Amyloid Fibres of Sup35 Support a Prion-like Mechanism of Inheritance in Yeast", <i>Biochem. Soc. Trans</i> , 26:486-90(1998).				
W W	C82 ′	Manstein et al., "Cloning vectors for the production of proteins in Dictyostelium discoideum", Gene, 162: 129-134 (1995).				

EXAMINER Mulhar	DATE CONSIDERED 7	22/02

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)					
w	C83~	Masison et al., "Prion-Inducing Domain of Yeast Ure2p and Protease Resistance of Ure2p in Prion-Containing Cells", Science, 270: 93-95 (1995)				
	C84 -	Meeker et al., "A Fusion Protein Between Serum Amyloid A and Staphylococcal Nuclease-Synthesis, Purification, and Structural Studies", Proteins: Structure, Function, and Genetics, 30: 381-387 (1998)				
	C85	Mestel, R., "Putting Prions to the Test", Science, 273:184-189(1996).				
	C86	Morrison et al, "Genetically Engineered Antibody Molecules", Adv. Immunol., 44:65-92 (1989).				
	C87 ~	Murray et al., "Epitope Tagging of the Human ENdoplasmic Reticulum HSP70 Protein, BiP, to Facilitate Analysis of BiP-Substrate Interactions", <i>Anal. Biochem.</i> , 229: 170-179 (1995)				
	C88 -	Newnam et al., "Antagonistic Interactions between Yeast Chaperones Hsp104 and Hsp70 in Prion Curing", Mol. Cell. Biol., 19:1325-1333(1999).				
	C897	Parsell et al., "Protein Disaggregation Mediated by Heat-Shock Protein Hsp104," <i>Nature</i> , 372:475-478(1994).				
	C90	Patino, et al., "Support for the Prion Hypothesis for Inheritance of a Phenotypic Trait in Yeast", Science, 273:622-626(1996).				
	C91~	Paushkin <i>et al.</i> , "Propagation of the yeast prion-like [psi+] determinant is mediated bi oligomerization of the SUP35-encoded polypeptide chain release factor", <i>EMBO J.</i> , 15(12): 3127-3134 (1996)				
	C92 ~	Paushkin et al., "In vitro Propagation of the Prion-Like State of Yeast Sup35 Protein", Science, 277:381-383(1997).				
	C93 /	Paushkin et al., "Interaction between Yeast Sup35p (eRF1) and Sup35p (eRF3) Polypeptide Chain Release Factors: Implications for Prion-Dependent Regulation", Molecular and Cellular Biology, 17(5):2798-2805(1997).				
	C94	Prusiner et al., "Prion Protein Biology", Cell, 93: 337-348 (1998).				
W	C95 ~	Prusiner, "Prion Diseases and the BSE Crisis", Science, 278:245-251(1997).				

EXAMINER Mulhar	DATE CONSIDERED	7/22/02
		•

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIPE		SHEET _	<u>10</u> Ωf	_12	ユ
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/34978A	Serial No. 09/591	,63 H	8 M	S
INFORMATION DISCLOSURE STATEMENT	Applicant Lindquist et al.		R 1600	0 200	K
(Use several sheets if necessary)	Filing Date June 9, 2000	Group	676	1	Ö

		CONVERT DOCUMENTO (
_		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
uy	C96 _	Riechmann et al., "Reshaping human antibodies for therapy", Nature, 332:323-327 (1988)	
	C97	Sanchez et al., "HSP104 Required for Induced Thermotolerance", Science, 248:1112-1115(1990).	
	C98	Santoso et al., "Molecular Basis of a Yeast Prion Species Barrier", Cell, 100:277-288(2000).	
	C99 -	Schafer, Biochem. Biophys. Res. Commun., 207: 708-714 (1995).	
	C100	Schena et al., "Mammalian Clucocorticoid Receptor Derivatives Enhance Transcription in Yeast", Science, 241:965-967 (1988).	
	C101	Schirmer et al., "Purification and Properties of Hsp104 From Yeast", <i>Meth. Enzymol.</i> , 290: 430-444 (1998)	
	C102	Schirmer and S. Lindquist, "Interactions of the Chaperone Hsp104 with Yeast Sup35 and Mammalian PrP", <i>Proc. Natl. Acad. Sci. USA</i> , 94: 13932-13937 (1997)	
	C103 Schirmer et al., "HSP100/Clp proteins: a common mechanism explains diverse functions", TIBS, 21: 289-296 (1996).		
	C104	Schlumpberger, et al., "The prion domain of yeast Ure2p induces autocatalytic formation of amyloid fibers by a recombinant fusion protein", <i>Protein Science</i> 9:440-451(2000).	
	C105	Schmidt, "One-step Affinity Purification of Bacterially Produced Proteins By Means Of The "Strep tag" and Immobilized Recombinant Core Streptavidin", <i>J. Chromatography</i> , 676: 337-345 (1994).	
	C1 <u>0</u> 6 2	Schreiber et al., "Immunophilins, Ligands, and the Control of Signal Transduction", <i>Harvey Lectures</i> , Wiley-Liss, Inc. pp99-114, 1997.	
	C107	Scott et al., "Propagation of Prions with Artificial Properties in Transgenic Mice Expressing Chimeric PrP Genes, <i>Cell</i> , 73:979-988(1993).	
1	C108	Shinoda, et al., "Modulation of Fibrillogenicity of Aβ and its Fusion Proteins", Neurobiology of Aging, 17:6(1993).	

EXAMINER Alapha	 DATE CONSIDERED	7/2	2/02

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)			
W	C109	Speiss et al., <u>Electon Microscopy and Molecular Biology: A Practical Approach</u> , Oxford Press, pp. 146-166(1987).	
	C110 ⁴	Taylor et al., "Prion Domain Initiation of Amyloid Formation in Vitro from Native Ure2p", Science, 283:1339-1343(1999).	
	C111	Telling et al., "Prion Propagation in Mice Expressing Human and Chimeric PrP Transgenes Implicates the Interaction of Cellular PrP with Another Protein", Cell, 83:79-90(1995).	
	C112	Tempest et al., "Reshaping a human monoclonal antibody to inhibit human respiratory syncytial virus infection in vivo", Bio/Technology, 9:266-271 (1991).	
	C113	Ter-Avanesyan, et al., "Deletion analysis of the SUP35 gene of the yeast Saccharomyces cerevisiae revealse two-non-overlapping functional regions in the encoded protein", Mol. Micro., 7(5)683-692(1993).	
	C114	Thiele, D.J., "ACE1 Regulated Expression of Saccharomyces cerevisiae Methallothionen Gene", Mol. Cell. Biol., 8: 2745-2752 (1988).	
	C115	Tuite et al., "Maintenance and inheritance of yeast prions", TIG, 12(11):467-471(1996).	
	C116	Verhoeyen et al., "Reshaping Human Antibodies: Grafting an Autilysozyme Activity", Science, 239:1534-1536 (1988)	
	C117	Vogel et al., "Large-scale production, purification and refolding of the full-length cellular prion protein from Syrian golden hamster in Escherichia Coli using the glutathione S-transferase-fusion system", Eur. J. Biochem., 251(1-2):462-471(1998).	
	C118-	Vogel, G., "Yeast Protein Acting Alone Triggers Prion-Like Process", Science, 277(5324):314(1998).	
	C119	Vogel et al., "Heat-shock proteins Hap104 and Hap70 reactivate mRNA splicing after heat inactivation", Current Biology, 5(3):306-317(1995).	
V	C120	Volkel et al., "Large-scale Production, Purification and Refolding of the Full-length Cellular Prion Portein from the Syrian Golden Hamster in Escherichia coli Using the Glutathione S-transferase-fusion System", Eur. J. Biochem, 251:462-471 (1998)	

EXAMINER Mun had	DATE CONSIDERED 7/22/63

OIPS		SHEET <u>1</u> of 12 20
Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 27373/34978A	Serial No. Serial No. 99/591,634
INFORMATION DISCLOSURE STATEMENT	Applicant Lindquist et al.	0 201 ER 160
(Use several sheets if necessary)	Filing Date June 9, 2000	Group 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
W	Weiss, et al., "Overexpression of Active Syrian Golden Hamster Prion Protein PrP ^c as a Glutathione S-Transferase Fusion in Heterologous Systems", Journal of Virology, 69:4776-4783 (1995).
	C122—Weiss et al., "Recombinant prion protein rPrP27-30 from Syrian golden hamster reveals proteinase K sensitivity", <i>Biochem. Biophys. Res. Commun.</i> , 219(1): 173-179(1996).
	C123 Wickner, R., "Prions and RNA Viruses of Saccharomyces cerevisiae", Annu. Rev. Genet., 30:109-139 (1996).
	C124 Wickner, R., "[URE3] as an Altered <i>URE2</i> Protein: Evidence for a Prion Analog in Saccharomyces cerevisiae", <i>Science</i> , 264:566-569(1994)
	C125 – Zahn, et al., "Human prion proteins in Escherichia coli and purified by high-affinity column refolding", FEBS, 417:400-404 (1997)
7	C126 Genbank Accession No. S54522, "Hypothetical Protein YMR164c, S. cerevisiae", Hunt et al., 1999.

EXAMINER Mushin	DATE CONSIDERED	7/22/05